

Stand Alone Network Video Recorders

Features:

- Linux Embedded - eliminates the threat of PC crashing and virus attacks
- High throughput for megapixel camera recording
- Supports multi-stream configuration for remote live view bandwidth control
- Supports camera two-way audio
- Support mobile client for iPhone / iPad / Android
- Panorama 360° PTZ (ImmerVision and VIVOTEK fisheye)
- Generic dewarp (fisheye)
- Web-based configuration, live view, playback (Recommend on IE 8,9, 10, Mac Safari and Windows Chrome)
- RAID 0,1,5,10 for maximum capacity and data protection
- Supports HDD S.M.A.R.T self-test
- Supports camera snapshot
- Online GUI recording schedule
- Supports megapixel cameras and H.264 compression format
- Digital PTZ and multi-view
- Real-time digital output, Email alert and mobile push notifications
- Remote I/O solution and camera I/O integration
- Up to 64CH remote live view with multiple monitors
- Supports joysticks for easier camera control
- Playback with 5 types of intelligent event search
- Point of Sale (POS)
- E-map with indicator
- Digital watermarking
- Auto port-forwarding
- NTP server synchronization
- Supports 82 brands of IP cameras and 2000 models



The Securitytronix ST-NVR Pro+ Series Embedded Digital Video Recorder is an excellent digital surveillance product which adopts H.264 video compression, hard disk recording, TCP/IP transmission, and a Linux based OS in addition to some of the more advanced technologies in the information technology industry. These units enable a stable, reliable and high picture quality while supporting synchronized video and audio recording, playback, and monitoring. This series also supports network based system control, as well as excellent network streaming capabilities.

Contents Include:

- 1 Standalone NVR
- 1 Quick Start Guide
- 1 Screws for HDD
- 1 Key
- 1 Power Cord
- 1 Warranty Card
- 1 Power Adapter
- 1 Installation CD

Ordering Information:

ST-NVR4CH-PRO+	4 Channel Standalone Network Video Recorder (NVR)
ST-NVR8CH-PRO+	8 Channel Standalone Network Video Recorder (NVR)
ST-NVR16CH-PRO+	16 Channel Standalone Network Video Recorder (NVR)

System, Settings, Management and Integration

Server-Client Architecture: Centralizes all video data transactions to remote clients. With this centralized structure, total camera loading remains at a stable level, thus ensuring good recording quality even when reaching maximum remote client access.

Open Platform: Supports over 2000 IP camera models and video servers (encoders) from 82 brands of major network camera manufacturers.

Automatic Camera Model Detection: Automatically searches for IP cameras in the network. Non-recognized cameras can be manually inserted. The auto detection function will help the user to find the brand and model of the camera after specifying its IP address.

Storage Optimization: Supports H.264 compression format which helps increase storage efficiency up to 600% higher than MJPEG and 150% higher than MPEG4.

Friendly GUI Recording Scheduler: Graphical user interface to setup recording schedule featuring unique day mode and week mode.

Event & Action: 4 camera events including motion detection (if supported by camera), connection lost and camera input; 1 input event from remote I/O box; 3 system events and daily system report by E-mail; 6 instant alarm responses supporting output, Email, E-map popup, snapshot to FTP, push notification on mobile device.

Online RAID Capacity Expansion and Level Migration: Supports RAID 0,1,5 and 10 for maximum capacity and data protection at the HDD level.

Point of Sale (POS): POS transactions received through POS box or Ethernet (TPC/IP client). POS text overlay on live view video and recordings. All recorded POS transactions are searchable in the database.

I/O Event Control: Control I/O for event detection, instant action and digital output.

Various Authorizations for Different Users: Web viewers log in to the recording server via 4 different user groups: administrator, power user, user, and guest. Each user group has its own distinctive privileges in system configuration, live view camera and playback camera.

Synchronization with NTP Server: Synchronize time weekly/monthly to maintain accurate recording time.

Log System: Hardware log keeps track of system operation; NVR Log for camera status and user access; NVR event log for special events; export and backup log for export and backup history.

	ST-NVR4CH-PRO+	ST-NVR8CH-PRO+	ST-NVR16CH-PRO+
Maximum Number of Licenses	4	16	16
Base License	4	8	16
Recording Performance	40 Mbps	80 Mbps	
Operating System	Embedded Linux		
Compression	H.264, MPEG-4, MJPEG, MxPEG (depends on IP camera)		
Remote Client	Remote Live Viewer (Software), Remote Live Viewer (Web), iViewer (Mobile App)		
Remote Client OS	Windows XP (32-bit), Windows 7 (32/64-bit), Windows 8 (32/64-bit)		
Mobile Client Platform	iPhone, iPad, Android		
HDD Bays	2	4	
RAID Level	0,1	0,1,5,10	
External Storage	N/A	DAS	
Ethernet Port	1 x Gigabit Port, RJ-45	2 x Gigabit Port, RJ-45	
External Ports	2 x USB 2.0	2 x USB 2.0, 1 x eSATA	
Audio	Two - way		
Voltage	100-240V		
Power Consumption	40W	90W	
Dimensions (H x W x D)	5.5 x 4.35 x 8.65 in.	5.5 x 7.25 x 8.65 mm	
Weight (without HDD)	4.67 lbs	6.55 lbs	
Temperature	Operating: 32°F ~ 104°F		
Humidity	Operating: 5% ~ 95%		
Supported Languages	English, Croatia, Czech, Deutsch, Dutch, Finnish, French, Hebrew, Hungarian, Italian, Japanese, Korean, Polish, Portuguese (Brazil) , Russian, Simplified Chinese, Traditional Chinese, Serbian, Spanish, Swedish, Thai, and Turkish		